

**WHAT IS CLAIMED IS:**

1. A baseball bat comprising

5 a wood bat body having a handle at a first end thereof, a ball-hitting portion  
at a second end thereof, and a center through hole axially extended the first and second  
ends;

a tubular core member made of a material selected from a group consisting  
of composite material, metal and plastics and fitted into the center through hole of said  
bat body, said core member having an inner thread corresponding in location to said  
10 ball-hitting portion of said bat body and a length shorter than said bat body; and

a weight mounted inside said tubular core member and having an outer  
thread threadedly engaged with the inner thread of said core member such that the  
weight is movable along an axial direction of said core member when the weight is  
driven to rotate by an external force.

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2. The baseball bat as claimed in claim 1, wherein said tubular core member  
has another inner thread corresponding in location to the handle of said bat body, and  
another weight having an outer thread is threadedly engaged with the another inner  
thread of said core member.

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3. The baseball bat as claimed in claim 1, wherein said core member is made  
of composite material containing carbon fibers.

4. The baseball bat as claimed in claim 1, wherein said core member has a  
25 plurality of longitudinal ribs extended around an outer periphery thereof.

5. The baseball bat as claimed in claim 1, wherein said core member has inside radial ribs disposed beyond the inner thread of said core member.

5           6. The baseball bat as claimed in claim 1, further comprising two end plugs respectively fastened to two distal ends of said center through hole of said bat body.

7. The baseball bat as claimed in claim 6, wherein said end plugs are wooden end plugs.

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8. The baseball bat as claimed in claim 1, wherein said bat body is formed of a plurality of wooden blocks abutted against one another around said core member.

9. The baseball bat as claimed in claim 5, wherein said bat body is formed of  
15   a plurality of wooden strips by adhesive and compression.